

an evaluation unit that receives said received radio signal and determines the signal strength of said received signal, and provides a signal strength value indicative thereof; and

a control unit that receives said signal strength value, reduces the value of said signal strength value based upon signal noise on a channel  $F_{n-1}$  to provide a corrected signal strength value, and writes to said memory device a frequency signal value indicative of said certain channel  $F_n$  and provides said command signal to tune said tuner to said certain channel  $F_n$  when said corrected signal strength value is greater than a threshold value.

2.(Original) The radio receiver system of claim 1, wherein said RF tuner comprises an AM tuner.

3.(Original) The radio receiver system of claim 2, wherein said controller comprises means for reducing said signal strength value based upon signal noise on a channel  $F_{n+1}$  to provide said corrected signal strength value.

4.(Currently Amended) A method for automatically finding an AM-radio program, by which an ~~AM-a~~ radio receiver is tuned through in discrete steps, such that, for each set AM-frequency, the reception quality at the currently set ~~AM~~-frequency is determined, the field strength of the neighboring frequencies is measured, and, if a field strength is detected at the neighboring frequencies, these are taken into account in determining the overall reception quality, in that the reception quality is reduced by a noise value, and subsequently the overall reception quality is compared with an upper quality limit, and, if the upper quality limit is exceeded, the through-tuning

process of the ~~AM~~-radio receiver is stopped, and the ~~AM~~-radio receiver is set to the ~~AM~~-frequency with sufficient overall reception quality, while otherwise the through-tuning process is continued.

5.(Amended) A method for automatically finding and storing an ~~an~~-~~AM~~-a radio program, by which an ~~AM~~-a radio receiver is tuned through in discrete steps, such that, for each set ~~AM~~-frequency, the reception quality at the currently set ~~AM~~-frequency is determined, the field strength of the neighboring frequencies is measured, and, if a field strength is detected at the neighboring frequencies, these are taken into account in determining the overall reception quality, in that the reception quality is reduced by a noise value, and subsequently the overall reception quality is compared with an upper quality limit, and, if the upper limit is exceeded, the ~~AM~~-frequency with sufficient overall reception quality is stored in an ~~an~~-~~AM~~-radio program memory, and subsequently the through-tuning process, together with the evaluation of the overall reception quality, is continued until the entire ~~AM~~-frequency band has been tuned through, in such a way that the stored ~~AM~~ frequencies can be retrieved by actuating station keys on the ~~AM~~-radio receiver.

6.(Original) The method of claim 5, wherein after the reception quality has been determined, it is compared with a minimum quality value and, if the current reception quality is less than this minimum quality, the through-tuning process is continued without measuring the field strength at the neighboring frequencies, while otherwise the field strength at the neighboring frequencies is measured, and they are taken into account for the overall reception quality.

7.(Original) The method of claim 5, wherein the field strength is used as a measure of the reception quality.

8.(Currently Amended) The method of claim 4, wherein the time behavior of the field strength signal is investigated and, if the ~~AM~~-frequency being investigated for its reception quality changes in time, the through-tuning process is continued without measuring the field strength at the neighboring frequencies, while otherwise the field strength at the neighboring frequencies is measured and they are taken into account for the overall frequency.

9.(Original) The method of claim 4, wherein to investigate the time behavior of the field strength signal, several random samples of this are taken and these are investigated for their variation, and, if significant variations exist, the through-tuning process is continued without measuring the field strength at the neighboring frequencies.

10.(Currently Amended) The method of claim 6, wherein a memory unit stores the values of the field strength and/or of the reception quality and, during the through-tuning process, each ~~AM~~ frequency is set and investigated only once to determine the field strength and/or reception quality, and the field strength and/or reception quality is stored and is retrieved from the memory unit without being determined anew, if it is needed later on.

11.(Currently Amended) The method of claim 4, wherein to determine the overall reception quality, the neighboring frequencies are taken into account within a range of 2 kHz above and below the ~~AM~~-frequency which is being investigated for overall reception quality.

12.(Original) A radio receiver system of claim 1, wherein said control unit reduces the value of said signal strength by a constant value based upon signal noise on a channel  $F_{n-1}$  to provide said corrected signal strength value.

13.(New) The method of claim 4, wherein said radio receiver is configured and arranged as an AM radio receiver.

14.(New) The method of claim 4, wherein said radio receiver comprises an AM radio receiver.

15.(New) The method of claim 5, wherein said radio receiver is configured and arranged as an AM radio receiver.

16.(New) The method of claim 5, wherein said radio receiver comprises an AM radio receiver.